

AMENDMENTS TO THE SPECIFICATION

In the specification at page 1, after the title and before line 3, please insert the following:

-- RELATED APPLICATIONS

This application is a national stage application (under 35 U.S.C. 371) of PCT/EP2004/003224 filed March 26, 2004 which claims benefit to German application 103 14 759.4 filed March 31, 2003 and German application 103 48 996.7 filed October 17, 2003.--

In the specification at page 53, please replace line 13 with the following amended line:

USP1 upstream (SEQ ID NO: 75):

In the specification at page 53, please replace line 15 with the following amended line:

USP2 upstream (SEQ ID NO: 76):

In the specification at page 53, please replace line 17 with the following amended line:

USP3 upstream (SEQ ID NO: 77):

In the specification at page 53, please replace line 19 with the following amended line:

USP1 downstream (SEQ ID NO: 78):

In the specification at page 53, please replace line 21 with the following amended line:

USP2 downstream (SEQ ID NO: 79):

In the specification at page 53, please replace line 23 with the following amended line:

USP3 downstream (SEQ ID NO: 80):

In the specification at page 53, please replace line 25 with the following amended line:

OCS1 upstream (SEQ ID NO: 81):

In the specification at page 53, please replace line 27 with the following amended line:

OCS2 upstream (SEQ ID NO: 82):

In the specification at page 53, please replace line 29 with the following amended line:

OCS3 upstream (SEQ ID NO: 83):

In the specification at page 53, please replace line 31 with the following amended line:

OCS1 downstream (SEQ ID NO: 84):

In the specification at page 54, please replace line 1 with the following amended line:

OCS2 downstream (SEQ ID NO: 85):

In the specification at page 54, please replace line 3 with the following amended line:

OCS3 downstream (SEQ ID NO: 86):

In the specification at page 59, please replace Table 4 with the following amended Table:

Table 4: Nucleotide sequences of the PCR primers for cloning CeLPLATs

Primer	Nucleotide sequence
5' T06E8.1f* (<u>SEQ ID NO: 87</u>)	5' ACATAATGGAGAACTTCTGGTCGATCGTC 3'
3' T06E8.1r* (<u>SEQ ID NO: 88</u>)	5' TTA CTCAGATTTCTTCCCGTCTTT 3'
5' F59F4.4f* (<u>SEQ ID NO: 89</u>)	5' ACATAATGACCTTCCTAGCCATATTA 3'
3' F59F4.4r* (<u>SEQ ID NO: 90</u>)	5' TCAGATATTCAAATTGGCGGCTTC 3'

* f: forward, r: reverse

In the specification at page 67, please replace Table 6 with the following amended Table:

Table 6: Nucleotide sequences of the PCR primers for cloning CeLPLAT
(T06E8.1) into the binary vector pSUN3

Primer	Nucleotide sequence
ARe503f* (<u>SEQ ID NO: 91</u>)	5' TTAAGCGCGGCCGCATGGAGAACTTCTGGTCG 3'
ARe504r* (<u>SEQ ID NO: 92</u>)	5' ACCTCGGCGGCCGCCCTTTTACTCAGATTTC 3'

* f: forward, r: reverse

In the specification at page 67, please replace line 17 with the following amended line:

Forward primer (SEQ ID NO: 93): 5'-ACATAATGGAGAACTTCTGGTCTATTGTTG
TGTTTTTTCTA-3'

In the specification at page 67, please replace line 18, with the following amended line:

Reverse primer (SEQ ID NO: 94): 5'- CTAGCTAGCTTACTCAGATTCTTCCCGTC
TTTTGTTTCTC-3'

In the specification at page 83, please replace line 34 with the following amended line:

5'-CAGGAAACAGCTATGACC-3' (SEQ ID NO: 95)

In the specification at page 83, please replace line 35 with the following amended line:

5'-CTAAAGGGAACAAAAGCTG-3' (SEQ ID NO: 96)

In the specification at page 83, please replace line 36 with the following amended line:

5'-TGTAACGACGGCCAGT-3' (SEQ ID NO: 97)

In the specification at page 86, line 6, please replace the chart therein with the following amended one:

Primer	Sequence	T _m (°C)
LPAAT069-5'	5' -GCT ACA TTG CCA TGG AGC-3' (<u>SEQ ID NO: 98</u>)	56
LPAAT069-3'	5' -GCT ACA AGA GGT CAG GTC G-3' (<u>SEQ ID NO: 99</u>)	59
ACtrau-5'	5' -CTG GAT CCA TGA GCG CGT GGA CGA G-3' (<u>SEQ ID NO: 100</u>)	69 (52)
ACtrau-3'	5'-TTG GAT CCC AAG AGG TCA GGT CGG A-3' (<u>SEQ ID NO: 101</u>)	66 (54)
ACtrau-3'stop	5'-TTG GAT CCC TAC AAG AGG TCA GGT CG-3' (<u>SEQ ID NO: 102</u>)	66 (48)
YES-HIS-5'	5'-CTG AGC TCA TGA GCG CGT GGA G-3' (<u>SEQ ID NO: 103</u>)	69 (56)
YES-HIS-3'	5'-ATG GAT CCG TGA TGG TGA TGG TGA TGC AAG AGG TC-3' (<u>SEQ ID NO: 104</u>)	72 (40)

In the specification at page 87, line 24 please replace the chart therein with the following amended one:

Primer	Sequence
LPAAT069-5'	5'- GCT ACA TTG CCA TGG AGC -3' (<u>SEQ ID NO: 105</u>)
LPAAT069-3'	5'- GCT ACA AGA GGT CAG GTC G -3' (<u>SEQ ID NO: 106</u>)

In the specification at page 92, please replace Table 10 with the following amended Table:

Table10: Sequences of primers employed:

Clone No.	Organism	Primer sequence in 5'-3' orientation	Length in bp
MaLPAAT1.1	M. alpina	atggatgaatccaccacgacca tcagcccgatgcttgctgc (SEQ ID NO: 107)	1254
MaLPAAT1.2	M. alpina	atgaaccctatctacaagggt tcagcccgatgcttgctgc (SEQ ID NO: 108)	1170
ShLPAAT	S. hanedai	Atgttactgctagcatttgt ttactttgccattaagg (SEQ ID NO: 109)	687
T6	Thrausto.	atgagcgctggacgagggc ctacaagaggtcaggctggacgtaca (SEQ ID NO: 110)	918
Pp004064045r	P. patens	Atggctttgatgtatatctg ttacacgattttcttttag (SEQ ID NO: 111)	714
Pp020064227r	P. patens	atgctgatattacagcccttc ctaataaacaggaagaccgt (SEQ ID NO: 112)	657
Pp015052144r	P. patens	atgatccggattttcagag	444

		tcagtcgcttttgccgaggt (SEQ ID NO: 113)	
Pp004034225r	P. patens	atgccgtcgcgtgttcggg tcaatcagttcgctgcttc (SEQ ID NO: 114)	1305
Pp004104272r	P. patens	atgctgatattacagcccttc ctaataaacaggaagaccgt (SEQ ID NO: 115)	1566
Pp020018156r	P. patens	atgaccagcacggaaaatac ctagatgttagttcactc (SEQ ID NO: 116)	1560
Pp015034341r	P. patens	atgattatgatggaggtgctg tcagtcgcttttgccgagg (SEQ ID NO: 117)	1014
Pp015033362r	P. patens	atgtgttcaattcttgtgg ttagtgaacataagctgtt (SEQ ID NO: 118)	1503
Fg003028298	Fusarium	atgggaaagtccactttac ctatgaagtctcctcatcatcg (SEQ ID NO: 119)	1893

In the specification at page 93, please replace line 18 with the following amended line:

GSP (SEQ ID NO: 120): TCT CTT TTT CGT GCT GCT CCA GCC GAT (Are 297)

In the specification at page 94, please replace line 26 with the following amended line:

5' primer att1ThLPAAT (SEQ ID NO: 121):

In the specification at page 94, please replace line 28 with the following amended line:

3' primer att2ThLPAAT (SEQ ID NO: 122):

Please replace the paper copy of the sequence listing with the copy attached hereto.